

===== WPI =====

TI - User management method for authentication system for managing authentication between client and proxy server of virtual private network
 - involves registration of user information in authentication server nearest to client, for distributing authenticating certificate between predetermined authentication servers

AB - JP11328117 NOVELTY - Information about an user who accesses a server through proxy server from client is collected. The collected information is registered in authentication server, nearest to client from which user accesses server. Authentication server delivers certificate for authenticating user to avail the service of server. The authenticating certificate is delivered between predetermined authentication server.

- USE - In authentication system for managing authentication between client and proxy server of virtual private network.

- ADVANTAGE - Since authentication server nearest to client, from which user accesses server, is registered with user information for delivering authenticating certificate, need for prior distribution of certificate to proxy servers is unnecessitated. As a result management difficulties are reduced. Since authentication server is hierarchized to form a group, bad relay path can be managed by highest order authentication server.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of components user management system.

- (Dwg.1/9)

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PR - JP19980131491 19980514

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===== PAJ =====

TI - USER MANAGING METHOD OF AUTHENTICATION SYSTEM

AB - PROBLEM TO BE SOLVED: To provide the system which eliminates the need to register user information on a client to an authentication server that all proxy servers repeating signals between the client and a server belong to.

- SOLUTION: Only the authentication server 131 which is closest to a client 111 registers the user and for subsequent authentication, certificates are handed over between authentication servers. When the client 111 connects to a server 112, authentication is done between the client 111 and the authentication server which is closest to it and then authentication is performed between authentication servers to hand over the certificate of the client 111; when the certificate reaches the authentication server that the proxy server 123 closest to the server 112 belongs to, route information is sent to the client. The client 111 performs authentication with the proxy server according to the route information to establish a connection up to the server 112 to the end.

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IN - MURAKAMI HIROMASA

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